

MIAMI-DADE COUNTY, FLORIDA METRO-DADE FLAGLER BUILDING 140 WEST FLAGLER STREET, SUITE 1603 MIAMI, FLORIDA 33130-1563 (305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Andersen Corporation 100 Fourth Avenue North Bayport MN 55003

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "DHP 5662" Vinyl Clad Wood Fixed Window

APPROVAL DOCUMENT: Drawing No. **DADE-24004**, dated 2/2/01, with revision BA dated 1/9/03, titled "Unit, Assembly – DH, Picture Window", sheets 1 through 5, prepared by manufacturer, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.



NOA No 01-0223.02 Expiration Date: March 27, 2008 Approval Date: March 27, 2003

Page 1

Andersen Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A. DRAWING

- 1. Manufacturer's die drawings and sections.
- 2. Drawing No. **DADE-24004**, Sheets 1 and 5 of 5, dated 02/02/01, with revision C dated 3/15/02, titled "Unit Assembly DH, Picture Window", prepared by manufacturer.

B. TESTS

- 1. Test reports on 1) Air Infiltration Test, per TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per TAS 202-94.
 - 3) Water Resistance Test, per TAS 202-94.
 - 4) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94 along with marked-up drawing of two specimens of a series DHP 5662 and DHP41042 vinyl clad wood fixed window, prepared by Architectural Testing Inc. Test Report No. **ATI-02-34273.01**, dated 05/17/02, signed and sealed by Steven M. Urich, P.E.
- 2. Test reports on 1) Air Infiltration Test, per TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per TAS 202-94.
 - 3) Water Resistance Test, per TAS 202-94.
 - 4) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94 along with marked-up drawing of three specimens of a series DHP 5662 vinyl clad wood fixed window, prepared by Architectural Testing Inc. Test Report No. **ATI-02-32224.01**, dated 04/20/00, with addendum letters dated 9/7/01 and 4/3/02, signed and sealed by Allen N. Reeves, P.E.

C. CALCULATIONS

1. Fastener installation analysis, prepared by LHB Engineers & Architects, dated 1/15/01 and 8/16/01, signed and sealed by William J. Zerfas, P.E. and revised on 9/19/02, signed and sealed by Harvey H. Harvala, P.E.

D. STATEMENTS

- 1. Statement letter of no financial interest, dated 01/30/01, signed and sealed by Dan Wallberg, P.E.
- 2. Statement letter of no financial interest and conformance, dated January 15, 2001, signed by William J. Zerfas, P.E.
- 3. Laboratory compliance letter for Test Report # ATI-02-32224.01, issued by Architectural Testing, Inc., dated 4/20/00, signed and sealed by Allen N. Reeves, P.E.

E. MATERIAL CERTIFICATIONS

1. None.

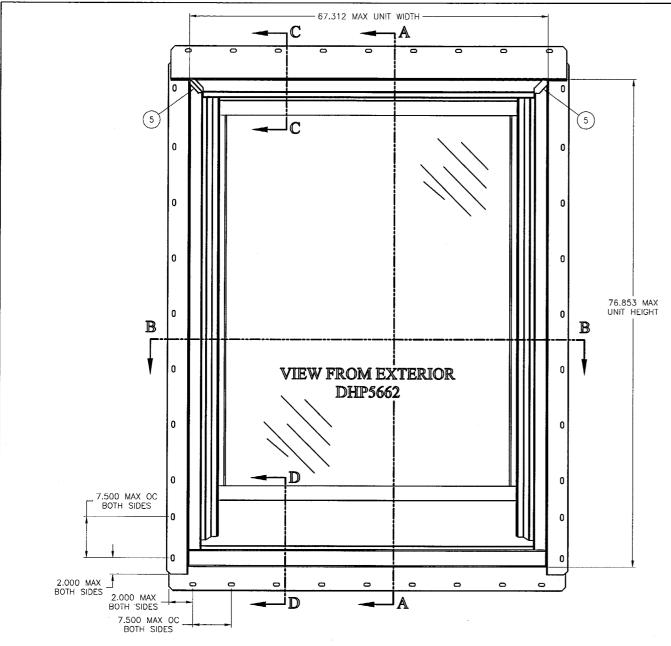
F. OTHERS

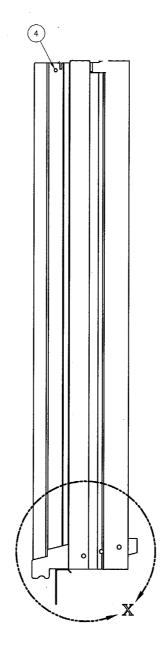
1. None.

Manuel Porez, P.E. Product Control Examiner

NOA No 01-0223.02

Expiration Date: March 27, 2008 Approval Date: March 27, 2003





+40/-40 +43/-43 +50/-50 DHP5646 +47/-47 +50/-50 DHP5642 +50/-50 +50/-50 DHP56310 +50/-50 +50/-50 DHP41062 +40/-40 +50/-50 Ε DHP410510 +41/-41 +50/-50 DHP41056 +43/-43 +50/-50 DHP41052 +46/-46 +50/-50 +50/-50 DHP410410 DHP41046 +50/-50 +50/-50 DHP41042 +40/-40 +50/-50 DHP410310 +43/-43 +50/-50 DHP4262 +44/-44 +50/-50 DHP42510 +47/-47 +50/-50 Ε DHP4256 +50/-50 +50/~50 DHP4252 +50/-50 +50/~50 DHP42410 +40/-40 +50/-|50 DHP4246 +42/-42 +50/-50 D DHP4242 +46/-46 +50/⊰50 DHP42310 +50/-50 +50/-50 DHP31062 +47/-47 +50/-50 +50/-50 DHP310510 +50/~50 DHP31056 +50/-50 DHP31052 +40/-40 +50/-50 DHP31041 +42/-42 +50/~50 DHP31046 +45/-45 +50/-,50 DHP31042 +50/-50 +50/-50 +50/-50 +50/-50 +48/-48 DHP3462 +50/-50 DHP34510 +50/-50 +41/-41 DHP3456 +50/-50 DHP3452 +44/-44 +50/-50 DHP34410 +48/-48 +50/-50 D DHP3446 +50/-50 +50/-50 DHP.3442 +50/-50 +50/-50 +50/-50 DHP34310 +50/-50 DHP3062 +48/-48 +50/-50 +42/-42 +50/-50 +50/-50 DHP3056 DHP3052 +49/-49 +50/-50 +50/-50 DHP30410 +50/-50 +50/-50 DHP3046 +50/-50 +50/-50 DHP3042 +50/-50 DHP30310 +50/-50 +50/-50 DHP1062 +50/-50 +50/-50 DHP10510 +50/-50 +50/~50 DHP1056 +50/-50 +50/-50 DHP1052 +50/-50 +50/-50 +50/-50 +50/-50 +50/-50 DHP1046 DHP1042 +50/-50 +50/-50 +50/-50 SIZE A/HS (PSI) TEMPERED (PSI) DP-RATINGS A/HS GLASS CONSTRUCTION TEMPERED GLASS DP-RATINGS

+50/-50

+50/-50

+50/-50

* INDICATES TESTED UNITS

DHP5662 +45/-45

DHP56510 +47/-47

+50/-50

NOTES:

INSTALLATION METHOD:

THE WINDOW WAS INSTALLED INTO A GRADE 2 SPF WOOD BUCK. THE WINDOW WAS SECURED THROUGH THE NAILING FLANGE TO THE BUCK USING 1-3/4" ROOFING NAILS SPACED 2" FROM CORNERS AND 7-1/2" ON CENTER. THE FLANGE WAS SEALED TO THE BUCK WITH SILICONE.

2. DIRECT TO MASONARY OR 1X: FASTEN THE UNIT THROUGH THE HEAD, SILL AND SIDE JAMBS WITH THE SPECIFIED NUMBER OF 3/16" DIAMETER MINIMUM TAPCON SCREWS OR EQUIVALENT, WITH A MINIMUM EMBEDMENT OF 1-1/4".

2. GLAZING SPECIFICATION:

THE WINDOW UTILIZED NOMINAL 0.8125" THICK INSULATED GLASS FABRICATED FROM A NOMINAL 0.182" HEAT-STRENGTHENED INNER LITE AND A NOMINAL 0.182" THICK HIGH-PERFORMANCE (ANNEALED) OUTER LITE AND A DESICANT-FILLED SPACER SYSTEM.

THE GLASS WAS SET FROM THE INTERIOR AGAINST A SILICONE BACKBEDDING. WOOD GLASS STOPS SECURED WITH 1-1/2" NAILS SPACED 2" FROM EACH END AND 10" ON CENTER WERE USED ON THE INTERIOR. A SILICONE CAP FILLET BEAD WAS APPLIED ON THE EXTERIOR.

3. FRAME CONSTRUCTION:

SILL MEMBERS CONSISTED OF MOLDED PINE WITH AN EXTRUDED FIBREX COVER, THE HEAD AND SIDE JAMBS CONSISTED OF MOLDED PINE WITH AN OUTER FRAME MEMBER ATTACHED. THE HEAD AND SILL OUTER FRAME MEMBER CONSISTED OF MOLDED PINE WITH EXTRUDED VINYL CLADDING SURROUNDING THE MOLDED PINE CORE.

UPPER EXTERIOR CLADDING CORNERS WERE MITER-CUT AND SEALED WITH PLASTIC CORNER FLASHING. TWO #8 X 1-3/4" SCREWS SECURED THE CLADDING AT THE CORNERS. ONE #8 X 2-1/2" SCREW SECURED THE SILL CLADDING TO THE VERTICAL JAMBS.

WOOD INTERIOR MEMBERS WITH ALUMINUM EXTERIOR INSERTS WERE SET FROM THE INTERIOR AGAINST SILICONE AND SECURED TO THE JAMBS AND HEAD WITH #8 X 1-3/8" LONG SCREWS SPACED 2" FROM CORNERS AND 11" ONCENTER, AND TO THE SILL WITH #10 X 3" LONG SCREWS SPACED 2" FROM EACH END AND 11" ON CENTER.

4. GLASS BITE = 0.812" (13/16")

Approved as complying with the Florida Building Code
Date MARCH 27, 200:
NOA# 01-0223.06 Miami Dade Product Control

REVISION

UNIT, ASSEMBLY - DH PICTURE WINDOW

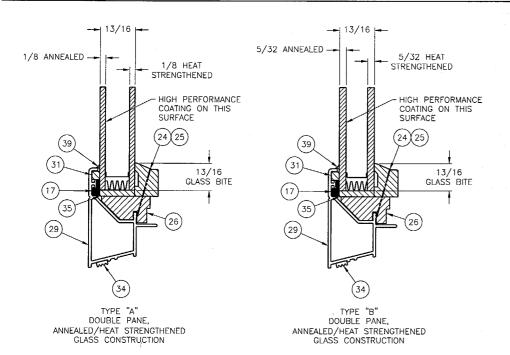
> Andersen Corporation Bayport, Minnesota 55003

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W.

DRAWING NUMBER 2/2/01 DADE-24004 OF

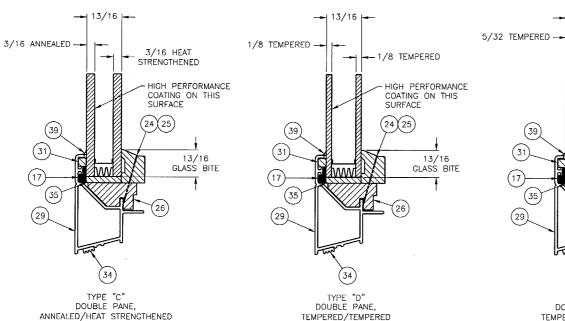
43	2	SCREW, #8 X 1-3/8"	ATTACHMENT OF SILL TO OUTER FRAME MEBERS			
42	18-38	NAIL, 1-3/4" ROOFING	ATTACHMENT OF NAILING FLANGE TO BUCK			
41	2-6	SCREW, #10 X 3.000"	ATTACHMENT OF BOTTOM RAIL TO SILL			
40	5-9	SCREW, #8 X 1-3/8"	ATTACHMENT OF TOP RAIL & STILES TO JAMBS			
39	BEAD	SILICONE	SEAL BETWEEN GLASS AND RAILS & STILES			
38	BEAD	SILICONE	ATTACHMENT OF NAILING FLANGE TO BUCK			
25	6-12	NAIL, #18 GA X 1-1/2"	ATTACHMENT OF GLASS STOPS			
17	BEAD	SILICONE	MANY USES			
16	BEAD	ADHESIVE	ATTACHMENT OF OUTER FRAME MEMBER TO HEAD JAMB			
15	6	STAPLE, 1/2" X 1-1/2" X 16GA	ATTACHMENT OF UPPER JAMB MEMBER CORNERS			
14	6	NAIL, 2-3/8" X .133 GA	ATTACHMENT OF LH/RH JAMBS TO SILL CORE			
13	BEAD	ADHESIVE	ATTACHMENT OF OUTER FRAME MEMBER TO JAMBS			
6	BEAD	SILICONE	ATTACHMENT OF JAMB MEMBERS AND SILL			
4	4	SCREW, #8-18 X 1-3/4"	ATTACHMENT OF OUTER FRAME MEMBER CORNERS			
ITEM	QTY.	DESCRIPTION	LOCATION			
FRAME FASTNERS LIST						



44	TAPCON, 3/16	-	STEEL		Ø0.188
43	SCREW, #8 X 1-3/8"	3621998	GALVANIZED STEEL	1.375	Ø0.164
42	NAIL, 1-3/4" ROOFING	-	GALVANIZED STEEL	1.750	ø0.140
41	SCREW, #10 X 3.000"	3621330	STEEL	3.000	Ø0.135
40	SCREW, #8 X 1-3/8"	3621998	STEEL	1.375	ø0.164
39	SILICONE DC791	MDS0034/35/36	SILICONE	-	
38	SILICONE	ANY	SILICONE CAN BE L	JSED FOR THIS AF	PPLICATION
37	FLANGE, NAILING SIDE	29090	PVC	1.644	0.430
36	FLANGE, NAILING HEAD/SILL	29089	PVC	2.344	0.671
35	SPACER SETTING BLOCK	20065	PVC	0.875	0.062 OR 0.188
34	W/S, BOTTOM RAIL	24514	EPDM FOAM	0.137	0.334
33	PAD, BOTTOM RAIL	24552	POLYETHYLENE	3.110	1.625
32	PAD, TOP RAIL	24550	POLYETHYLENE	1.727	1.438
31	SPACER, GLASS LATERAL	11084	EPDM FOAM	0.250	0.250
30	GLASS, DBL PANE, HIGH PERFORMANCE	00080	_	_	
29	RAIL, BOTTOM (SASH)	29236	ALUMINUM	2.987	2.074
28	STILE (SASH)	29235	ALUMINUM	1.635	1,465
27	TOP RAIL (SASH)	29234	ALUMINUM	1.635	1.438
26	RAIL/STILE (SASH)	29237	PINE	0.796	1,469
25	NAIL, #18 GA X 1-1/2"	20093	GALVANIZED STEEL	1.500	Ø0.077
24	STOP, GLASS, RAIL	24334	PINE	1.000	0.719
23	STOP, GLASS, STILE	24335	PINE	1,000	0.719
22	TRIM, INSIDE SILL	24162	PINE	1.500	1.516
21	STOP, INSIDE HEAD/SILL	24108	PINE	0.610	1.344
20	STOP, SIDE INSIDE	24109	PINE	0.610	1.344
19	LINER, SIDE JAMB	24159	PVC	1.053	1.982
18	LINER, HEAD JAMB	24158	PVC	0.920	1.734
17	SILICONE GE2821	MDS0009	SILICONE	_	_
16	ADHESIVE	MDA0022	HOT MELT		-
15	STAPLE, 1/2" X 1-1/2" X 16GA	4220204	GALVANIZES STEEL	1.500	0.500
14	NAIL, 2-3/8" X .113 GA	4220137	GALVANIZED STEEL	2.375	Ø0.113
13	ADHESIVE	MDA0005	HOT MELT		
12	CAP, SILL END, RH	24192	PVC	1.927	2.037
11	CAP, SILL END, LH	24191	PVC	1.907	2.037
10	COVER, SILL	24182	FIBREX	2.723	5.358
9	BASE, SILL	29147	PINE	1.261	4.112
8	JAMB, SIDE	29146	PINE	0.656	3.334
7	JAMB, HEAD	29145	PINE	0.656	3.334
6	SILICONE DC1199	MDS0037	SILICONE	-	-
5	FLASHING, CORNER	24196	PVC	1.215	0.443
4	SCREW, #8-18 X 1-3/4"	3620450	STAINLESS STEEL	1.375	ø0.164
3	OUTER FRAME MEMBER, SIDE RH	24179/24175	PINE/PVC	1.867	2.188
2	OUTER FRAME MEMBER, SIDE LH	24178/24175	PINE/PVC	1.867	2.188
1	OUTER FRAME MEMBER, HEAD	24174/20028	PINE/PVC	1.125	2.187
NO.	DESCRIPTION	PART	MATERIAL	HEIGHT	WIDTH
		PART REFERENCE	LIST		

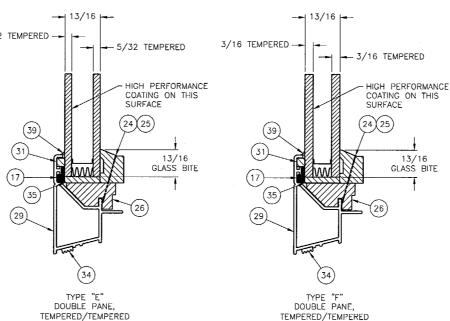
ALL PARTS MANUFACTURED TO ANDERSEN SPECIFICATION AS NOTED BY ABOVE PART NUMBERS

GLASS CONSTRUCTION



GLASS CONSTRUCTION

GLASS CONSTRUCTION



GLASS CONSTRUCTION

72.853 DHP5656 68.853 67.312 DHP5652 64.853 67.312 DHP56410 60.853 67.312 DHP5646 56.853 67.312 DHP5642 52.853 67.312 DHP56310 48 853 67 313 DHP41062 76.853 59.312 DHP410510 72.853 59.312 DHP41056 68.853 59.312 DHP41052 64.853 59.312 DHP410410 60.853 59.312 DHP41046 | 56.853 | 59.312 DHP41042 52.853 59.312 DHP410310 48.853 59.312 DHP4262 76.853 51.312 DHP42510 72.853 51.312 DHP4256 68.853 51.312 DHP4252 64.853 51.312 DHP42410 60.853 51.312 DHP4246 DHP4242 52.853 51.312 DHP42310 48.853 51.312 DHP31062 76.853 47.312 DHP310510 72.853 47.312 DHP31056 | 68.853 | 47.312 DHP31052 64.853 47.312 DHP310410 60.853 47.312 DHP31046 56.853 47.312 DHP31042 52.853 47.312 DHP310310 48.853 47.312 DHP3462 76.853 41.625 DHP34510 72.853 41.625 DHP3456 68.853 41.625 DHP3452 64.853 41.625 DHP34410 60.853 41.625 DHP3446 56.853 41.625 DHP3442 52.853 41.625 DHP34310 48.853 41.625 DHP3062 76.853 37.625 DHP30510 72.853 37.625 DHP3056 68.853 37.625 DHP3052 64.853 37.625 DHP30410 60.853 37.625 DHP3046 56.853 37.625 DHP3042 52.853 37.625 DHP30310 48 853 37 625 DHP1062 76.853 12.000 DHP10510 72.853 12.000 DHP1056 68.853 12.000 DHP1052 64.853 12.000 DHP10410 60.853 12.000 DHP1046 56.853 12.000 DHP1042 52.853 12.000 DHP10310 48.853 12.000 HEIGHT WIDTH DES UNIT DIMENSIONS

DHP5662 76.853 67.312

DHP5656 DHP56410 DHP5646 DHP5642 DHP56310 DHP41062 DHP410510 DHP41056 DHP41052 DHP410410 DHP41046 DHP41042 DHP410310 DHP4262 4 DHP42510 4 DHP4256 4 DHP4252 DHP4246 4 . DHP4242 DHP42310 4 DHP31062 4 4 DHP310510 DHP31056 4 DHP31052 4 DHP310410 4 DHP31046 4 DHP310310 4 DHP3462 DHP34510 DHP3456 DHP3452 DHP34410 DHP3446 DHP3442 DHP34310 DHP3062 DHP30510 DHP3056 DHP3052 DHP30410 DHP3046 4 DHP3042 4 DHP30310 DHP1062 DHP1051 DHP1052 DHP10410 DHP1046 DHP1042 DHP10310 HEAD & SIDE

DHP5662

Approved as complying with the Florida Building Code
Date MARCH 27, 2003
NOA# 01-0223.06
Miami Dade Product Control
Division
By Manuel March

UNIT, ASSEMBLY - DH PICTURE WINDOW

2 of

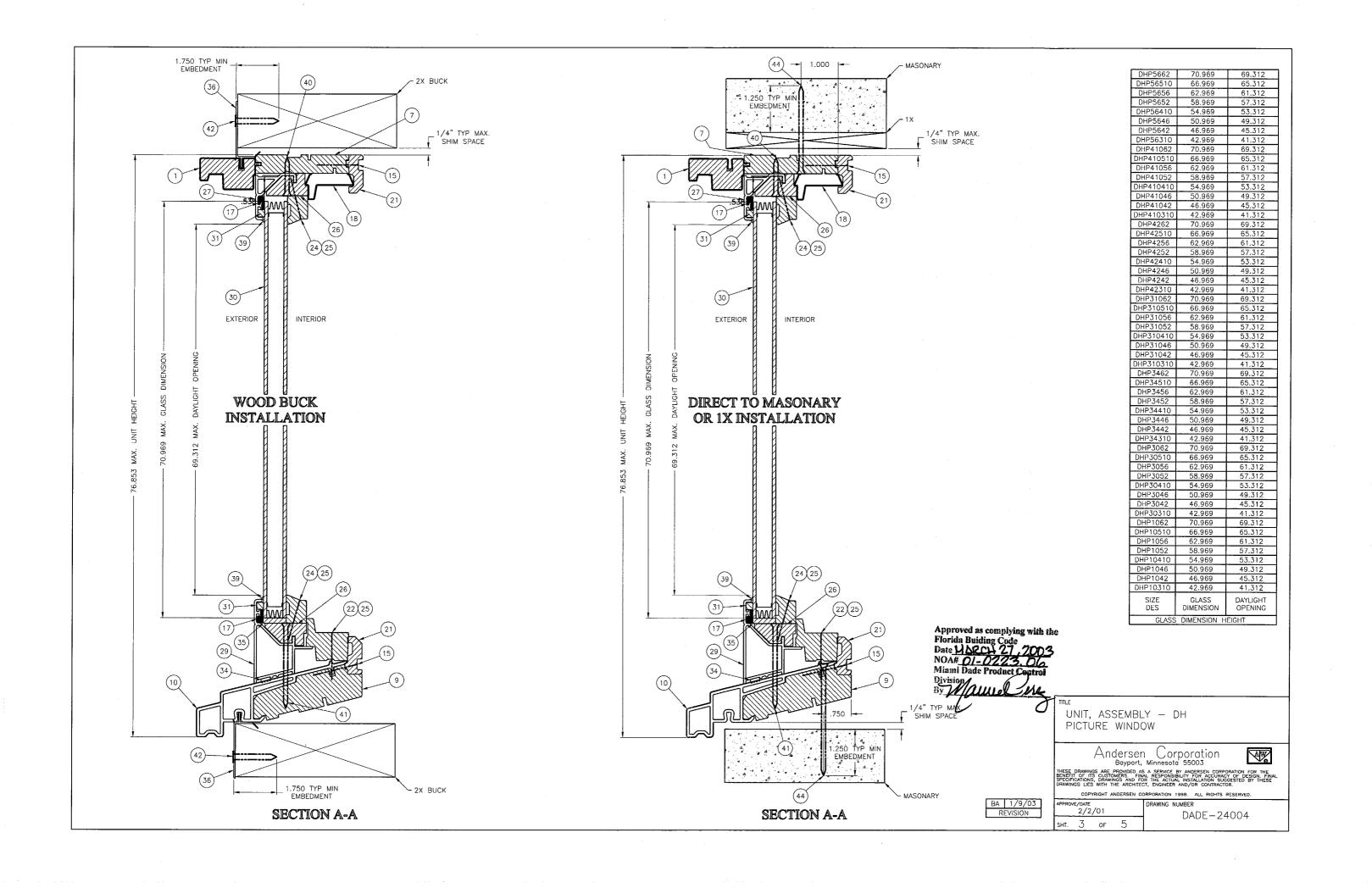
Andersen Corporation

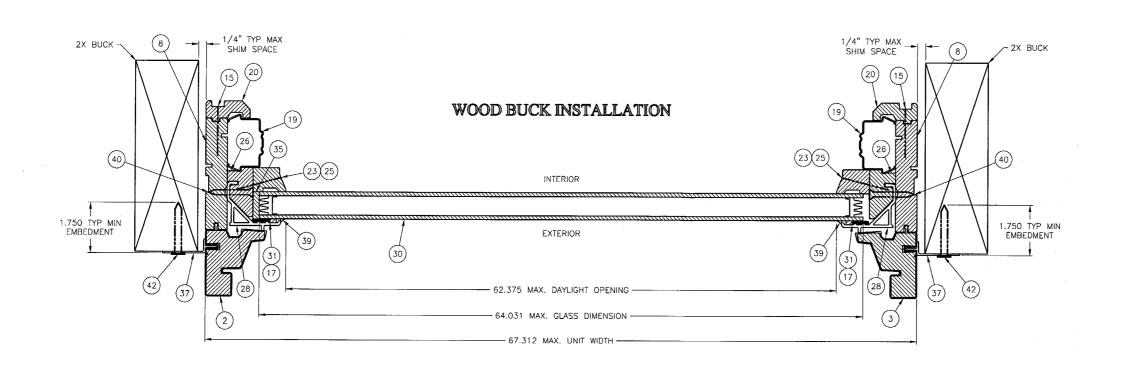
DRPORATION FOR THE PIRACY OF DESIGN, FINAL SUGGESTED BY THESE

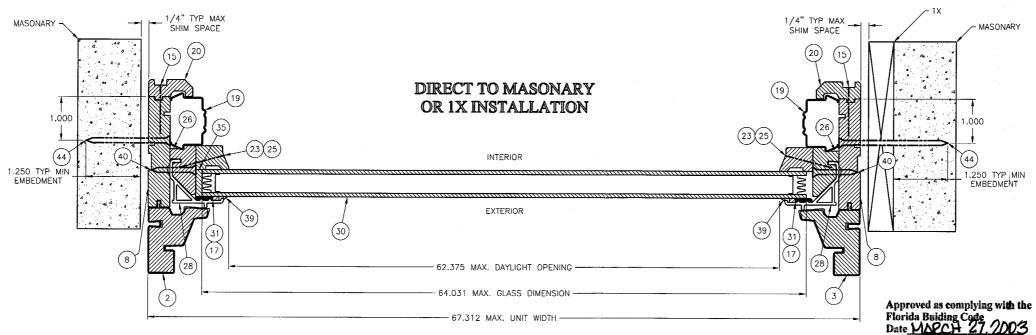
BENEFIT OF ITS CUSTOMERS. FINAL RESPONSIBILITY FOR ACCURACY OF DESIGN, FIN SPECIFICATIONS, DRAWINGS AND FOR THE ACTUAL INSTALLATION SUGGESTED BY THESE DRAWINGS LIES WITH THE ARCHITECT, ENGINEER AND/OR CONTRACTOR.

APPROVE/DATE CAPPONE APPROVE A

BA 1/9/03 REVISION







DHP5662	64.031	62.375				
DHP56510	64.031	62.375 62.375				
DHP5656	64.031	62.375				
DHP5652	64.031	62.375				
DHP56410	64.031	62.375				
DHP5646	64.031	62.375				
DHP5642	64.031	62.375				
DHP56310	64.031	62.375				
DHP41062	56.031	54.375				
DHP410510	56.031	54.375				
DHP41056	56.031	54.375				
DHP41052	56.031	54.375				
DHP410410	56.031	54.375				
DHP410416	56,031	54.375				
DHP41048	56.031					
		54.375				
DHP410310	56.031	54.375				
DHP4262	48.031	46.375				
DHP42510	48.031	46.375				
DHP4256	48.031	46.375				
DHP4252	48.031	46.375				
DHP42410	48.031	46.375				
DHP4246	48.031	46.375				
DHP4242	48.031	46.375				
DHP42310	48.031	46.375				
DHP31062	44.031	42.375				
DHP310510	44.031	42.375				
DHP31056	44.031	42.375				
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DHP310410	44.031	42.375				
DHP31046	44.031	42.375				
DHP31042	44.031	42.375				
DHP310310	44.031	42.375				
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DHP34510	38.344	36.688				
DHP3456	38.344	36.688				
DHP3452	38.344	36.688				
DHP34410	38.344	36.688				
DHP3446	38.344	36.688				
DHP3442	38.344	36.688				
DHP34310	38.344	36.688				
DHP3062	34.344	32.688				
DHP30510	34.344	32.688				
DHP3056	34.344	32.688				
DHP3052	34.344	32.688				
DHP30410	34.344	32.688				
DHP3046	34.344	32.688				
DHP3042	34.344	32.688				
DHP30310	34.344					
DHP1062	8.719	32.688				
DHP10510		7.062				
DHP1056	8.719 8.710	7.062				
	8.719	7.062				
DHP1052	8.719	7.062				
DHP10410	8.719	7.062				
DHP1046	8.719	7.062				
DHP1042	8.719	7.062				
DHP10310	8.719	7.062				
SIZE	GLASS	DAYLIGHT				
DES.	DIMENSION	OPENING				
GLASS	DIMENSION V	VIDTH				
GLASS DIMENSION WILLIA						

DHP5662 64.031

UNIT, ASSEMBLY - DH PICTURE WINDOW

Andersen Corporation
Bayport, Minnesota 55003

W.

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DADE-24004

2/2/01 энт. 4 оғ 5

BA 1/9/03 REVISION

